

ABSTRACT

A system for wirelessly transmitting time constant data under a wireless protocol is contemplated. A access point device initiates a reservation of time under a protocol. The transmitting device then downloads the time constant data to the remote devices. This can take place as individual transmissions or a single unicast transmission of one block containing all the data for the remote wireless device(s). The access point polls each remote wireless device for constant time data to be sent to the remainder of the network. At the conclusion, the access point gives up the reservation so as to enable the remote wireless devices to use the access point for other forms of data traffic.